

KS 2/22/07

\*\*\*\*\* STN Columbus \*\*\*\*\*

FILE 'HOME' ENTERED AT 15:05:23 ON 22 FEB 2007

=>

=> file casreact

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'CASREACT' ENTERED AT 15:05:38 ON 22 FEB 2007

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FILE CONTENT:1840 - 18 Feb 2007 VOL 146 ISS 8.

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\*\*\*\*\*  
\*  
\* CASREACT now has more than 12 million reactions \*  
\*  
\*\*\*\*\*

Some CASREACT records are derived from the ZIC/VINITI database (1974-1999) provided by InfoChem, INPI data prior to 1986, and Biotransformations database compiled under the direction of Professor Dr. Klaus Kieslich.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=>

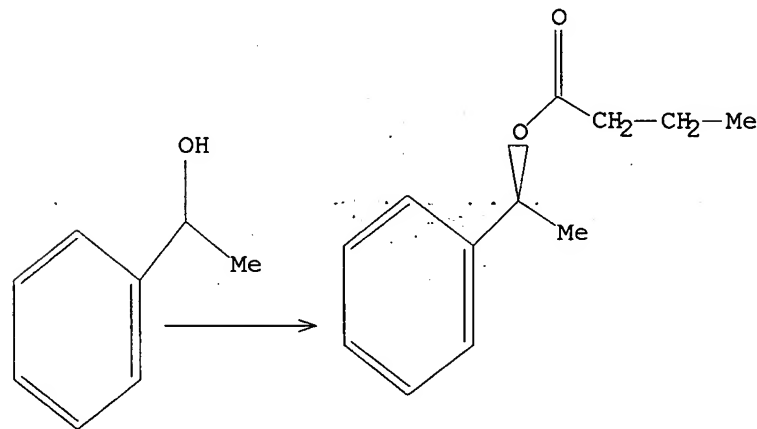
Uploading C:\Program Files\Stnexp\Queries\10565829.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 15:06:06 FILE 'CASREACT'

SCREENING COMPLETE - 2340 REACTIONS TO VERIFY FROM 229 DOCUMENTS

100.0% DONE 2340 VERIFIED 1 HIT RXNS 1 DOCS

SEARCH TIME: 00.00.02

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED VERIFICATIONS: 43904 TO 49696

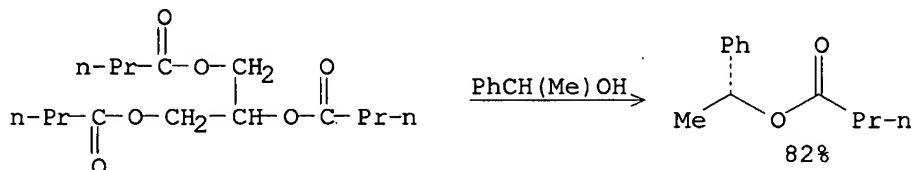
PROJECTED ANSWERS: 1 TO 79

L2 1 SEA SSS SAM L1 ( 1 REACTIONS)

=> d

L2 ANSWER 1 OF 1 CASREACT COPYRIGHT 2007 ACS on STN

RX(9) OF 28



REF: Journal of the American Chemical Society, 106(9), 2687-92; 1984

=> s l1 ful

FULL SEARCH INITIATED 15:06:28 FILE 'CASREACT'

SCREENING COMPLETE - 66499 REACTIONS TO VERIFY FROM 4719 DOCUMENTS

100.0% DONE 66499 VERIFIED 69 HIT RXNS 26 DOCS

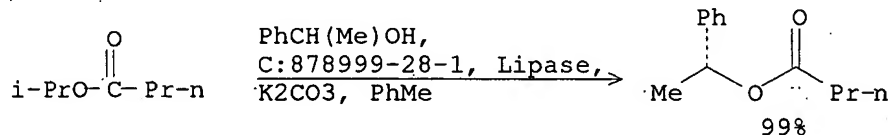
SEARCH TIME: 00.00.09

L3 26 SEA SSS FUL L1 ( 69 REACTIONS)

=> d 13 1-26

L3 ANSWER 1 OF 26 CASREACT COPYRIGHT 2007 ACS on STN

RX(2) OF 7



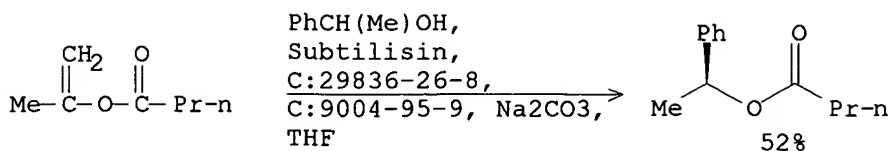
REF: Tetrahedron: Asymmetry, 17(15), 2299-2305; 2006

NOTE: enzymic, stereoselective, >99% ee

CON: 23 hours, 70 deg C, 200 mbar

L3 ANSWER 2 OF 26 CASREACT COPYRIGHT 2007 ACS on STN

RX(15) OF 17



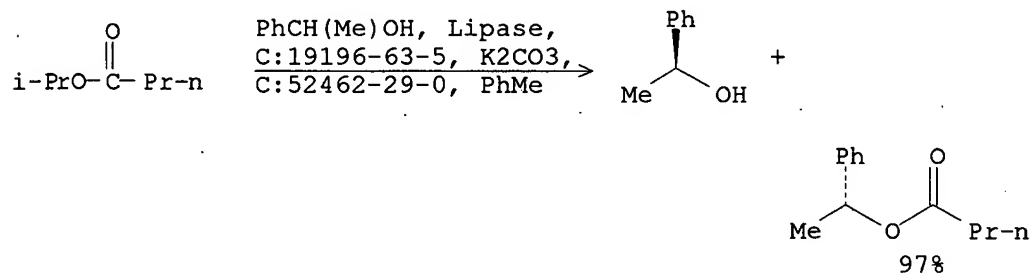
REF: Chemistry--A European Journal, 2006, 12(1), 225-232; 2005

NOTE: biotransformation, enzymic, stereoselective, yield depends on catalyst activator

CON: 17 hours, room temperature

L3 ANSWER 3 OF 26 CASREACT COPYRIGHT 2007 ACS on STN

RX(3) OF 9



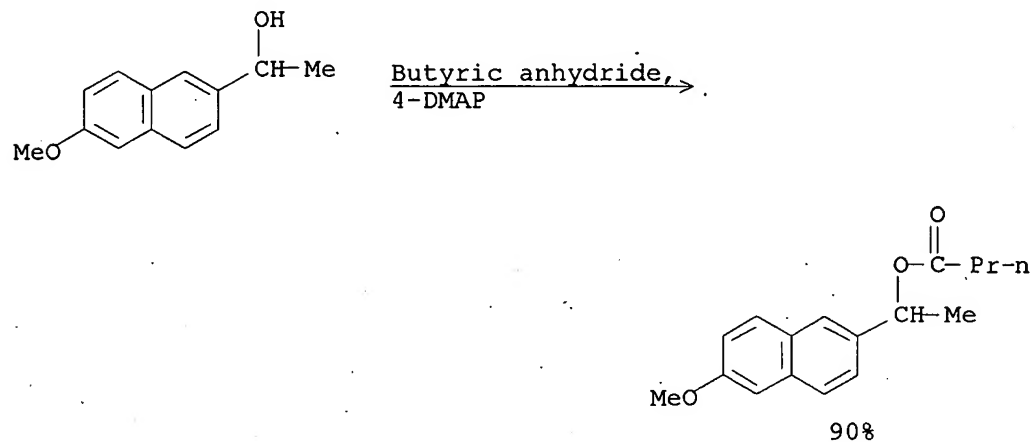
REF: PCT Int. Appl., 2005095629, 13 Oct 2005

NOTE: biotransformation, enzymic(Novozym 525L used), alternate preparation also described, K<sub>2</sub>CO<sub>3</sub>/enzyme batch can be recovered and reused at least three times, stereoselective

CON: 24 hours, 70 deg C

L3 ANSWER 4 OF 26 CASREACT COPYRIGHT 2007 ACS on STN

RX(6) OF 180

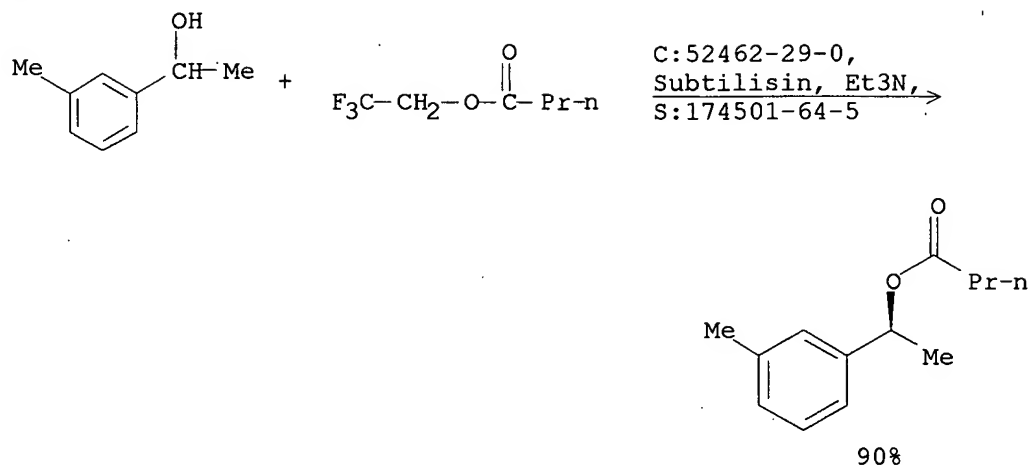


REF: Tetrahedron: Asymmetry, 16(15), 2575-2591; 2005

CON: 5 minutes, 50 deg C

L3 ANSWER 5 OF 26 CASREACT COPYRIGHT 2007 ACS on STN

RX(13) OF 25



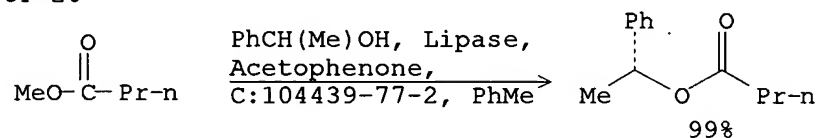
REF: Green Chemistry, 6(9), 471-474; 2004

NOTE: stereoselective, enantioselective, biotransformation, enzymic, 85% ee

CON: 6 days, room temperature

L3 ANSWER 6 OF 26 CASREACT COPYRIGHT 2007 ACS on STN

RX(5) OF 20



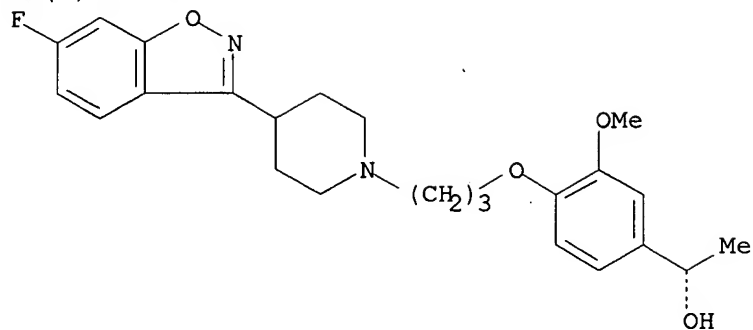
REF: Tetrahedron: Asymmetry, 16(9), 1603-1610; 2005

NOTE: biotransformation, enzymic, stereoselective, alternate preparations also described

CON: 24 hours, 70 deg C, 205 mbar

L3 ANSWER 7 OF 26 CASREACT COPYRIGHT 2007 ACS on STN

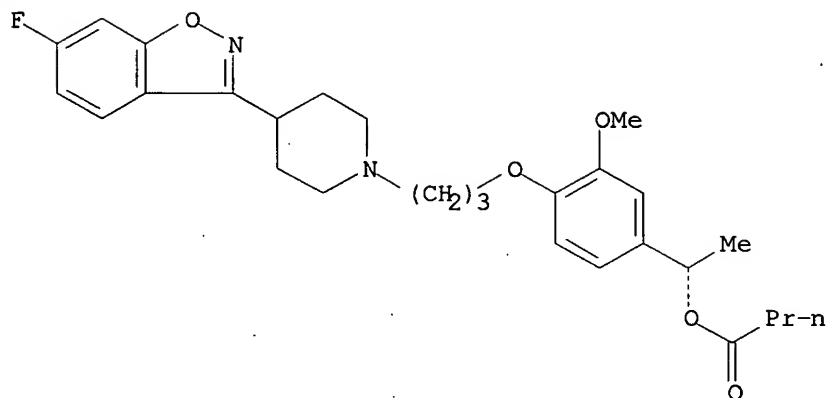
RX(3) OF 19



(step 1)

1. CH<sub>2</sub>Cl<sub>2</sub>
2. Pyridine
3. Butanoyl chloride
4. Water

RX(3) OF 19



REF: PCT Int. Appl., 2005030763, 07 Apr 2005

NOTE: last stage inverse addn.

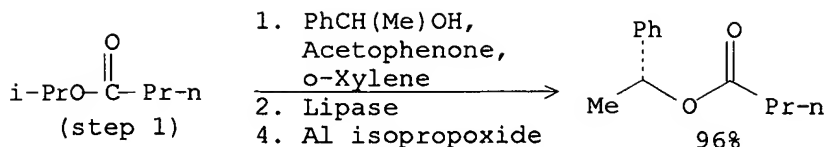
CON: STAGE(1) room temperature -> 0 deg C

STAGE(2) 0 deg C

STAGE(3) 0 deg C; 0 deg C -> room temperature; 4 hours,  
room temperature

STAGE(4) 0 deg C

RX(1) OF 14



REF: PCT Int. Appl., 2005014509, 17 Feb 2005

NOTE: biotransformation, enzymic [lipase; Novozym 435 (Candida antarctica)]; stereoselective; third stage distn. of isopropanol and butyrate

CON: STAGE(1) room temperature, 1 atm

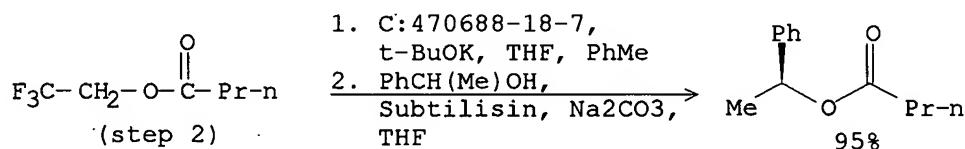
STAGE(2) room temperature -> 70 deg C, 65 - 70 mbar

STAGE(3) 2 hours, 70 deg C, 65 - 70 mbar

STAGE(4) 4 hours, 70 deg C

L3 ANSWER 9 OF 26 CASREACT COPYRIGHT 2007 ACS on STN

RX(1) OF 29



REF: PCT Int. Appl., 2005009935, 03 Feb 2005

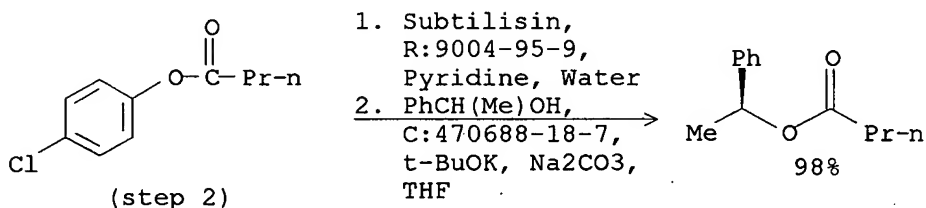
NOTE: stereoselective

CON: STAGE(1) room temperature; 1 hour, room temperature

STAGE(2) room temperature; 72 hours, room temperature

L3 ANSWER 10 OF 26 CASREACT COPYRIGHT 2007 ACS on STN

RX(1) OF 13



REF: Journal of the American Chemical Society, 125(38), 11494-11495; 2003

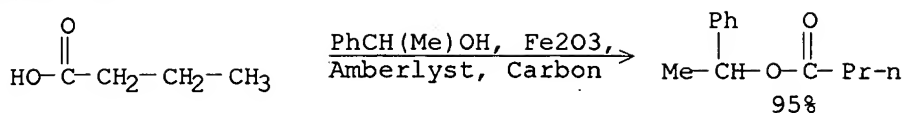
NOTE: optimization study, optimized on solvent, stereoselective, stereoselectivity increased slightly with other acyl donor(TFEB), biotransformation, enzymic

CON: STAGE(1) 5 minutes, room temperature; 12 hours, 35 deg C

STAGE(2) 3 days, 25 deg C

L3 ANSWER 11 OF 26 CASREACT COPYRIGHT 2007 ACS on STN

RX(3) OF 21

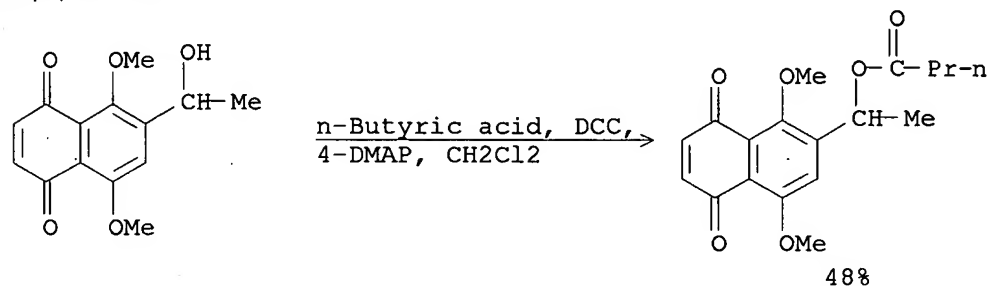


REF: Journal of Molecular Catalysis A: Chemical, 191(1), 141-147; 2003

NOTE: green chem., activated C contg. amberlyst supported cat.  
CON: 1.5 hours, reflux

L3 ANSWER 12 OF 26 CASREACT COPYRIGHT 2007 ACS on STN

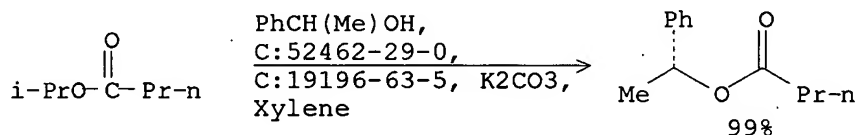
RX(3) OF 30



REF: Archiv der Pharmazie (Weinheim, Germany), 334(10), 318-322; 2001

L3 ANSWER 13 OF 26 CASREACT COPYRIGHT 2007 ACS on STN

RX(3) OF 8

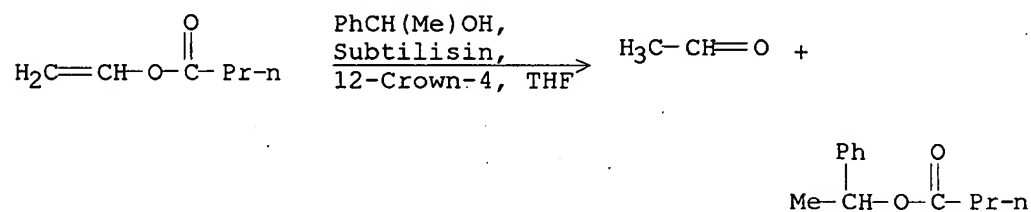


REF: PCT Int. Appl., 2001090396, 29 Nov 2001

NOTE: stereoselective, enzymic, biotransformation

L3 ANSWER 14 OF 26 CASREACT COPYRIGHT 2007 ACS on STN

RX(2) OF 2

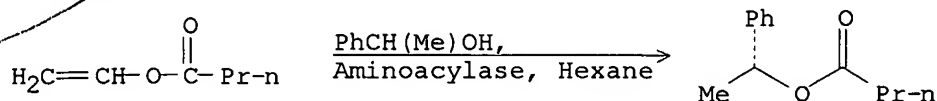


REF: Biotechnology and Bioengineering, 74(4), 295-308; 2001  
NOTE: biotransformation, enzymic, optimization study

L3 ANSWER 15 OF 26 CASREACT COPYRIGHT 2007 ACS on STN

not good.

RX(3) OF 23

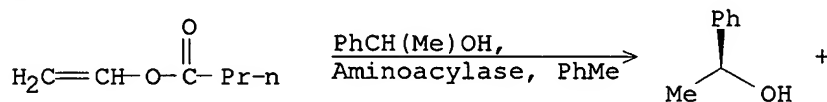


REF: Eur. Pat. Appl., 1087018, 28 Mar 2001

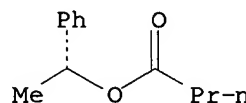
NOTE: biotransformation, enzymic (lipase from *Aspergillus melleus*); stereoselective (99% e.e.)

L3 ANSWER 16 OF 26 CASREACT COPYRIGHT 2007 ACS on STN

RX(2) OF 15



*Kinetic resolution  
not DKR.*



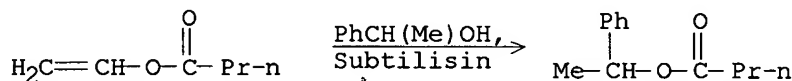
*can't get it.*

REF: Synlett, (4), 367-370; 1997

NOTE: biotransformation, enzymic, acylase from *Aspergillus*, stereoselective

L3 ANSWER 17 OF 26 CASREACT COPYRIGHT 2007 ACS on STN

RX(1) OF 1



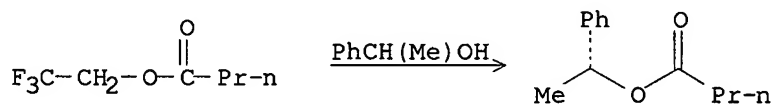
*get it.*

REF: Journal of the American Chemical Society, 113(8), 3166-71; 1991

NOTE: Biotransformation: catalyzed by subtilisin

L3 ANSWER 18 OF 26 CASREACT COPYRIGHT 2007 ACS on STN

RX(1) OF 2

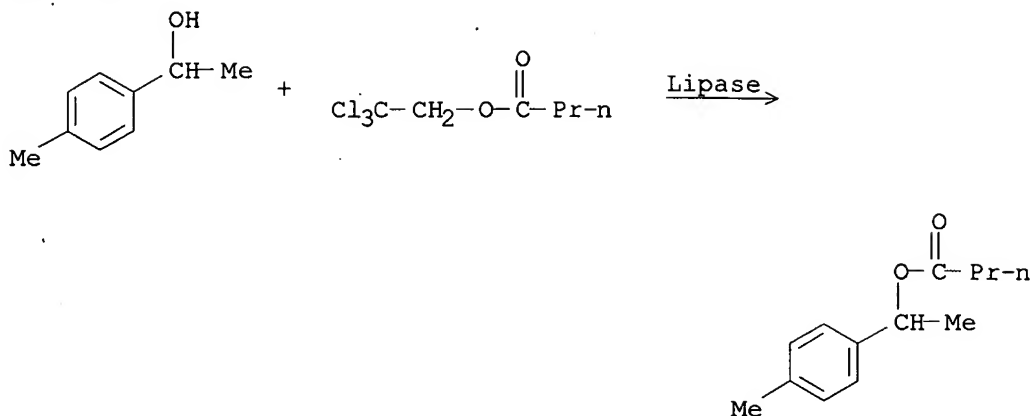


REF: Acta Chemica Scandinavica, 44(10), 1032-5; 1990

L3 ANSWER 19 OF 26 CASREACT COPYRIGHT 2007 ACS on STN



RX(1) OF 1



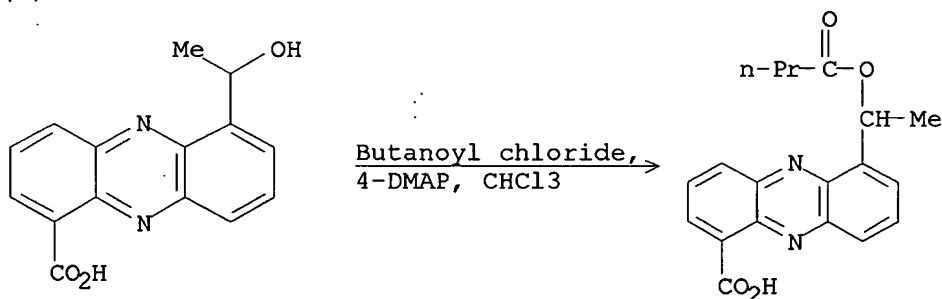
94%

REF: Jpn. Kokai Tokkyo Koho, 01215298, 29 Aug 1989, Heisei

NOTE: Biotransformation: catalyzed by lipase p from pseudomonas sp.; #  
Conditions: 1,15 mol educt + trichloro-ethyl butyrate, 100-500 g  
cellfree enzyme; in diethyl-ether; 45 h, 25.deg.c

L3 ANSWER 20 OF 26 CASREACT COPYRIGHT 2007 ACS on STN

RX(8) OF 95

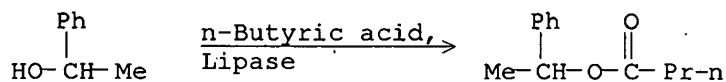


44%

REF: Journal of Antibiotics, 41(11), 1552-60; 1988

L3 ANSWER 21 OF 26 CASREACT COPYRIGHT 2007 ACS on STN

RX(3) OF 72

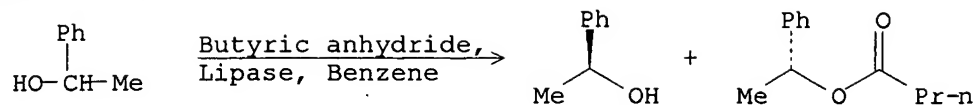


REF: Biocatalysis, 2(3), 217-23; 1989

NOTE: Biotransformation: catalyzed by lipase from candida cylindracea;  
# Conditions: cellfree enzyme, in org. solvent (cyclohexane),

L3 ANSWER 22 OF 26 CASREACT COPYRIGHT 2007 ACS on STN

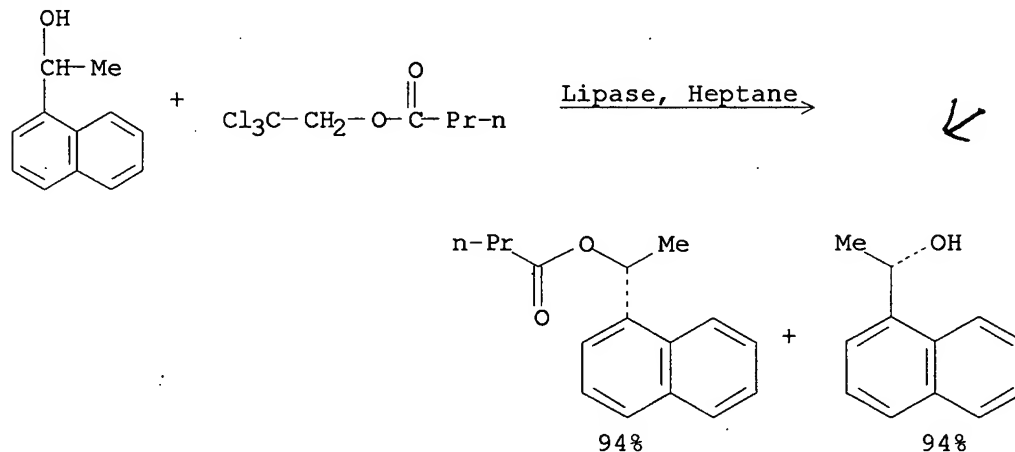
RX (3) OF 27



REF: Journal of Organic Chemistry, 53(23), 5531-4; 1988

L3 ANSWER 23 OF 26 CASREACT COPYRIGHT 2007 ACS on STN

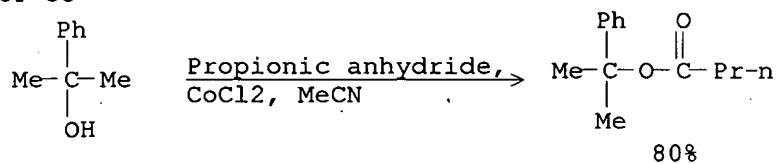
RX (4) OF 91



REF: Journal of Organic Chemistry, 53(10), 2374-8; 1988

L3. ANSWER 24 OF 26 CASREACT COPYRIGHT 2007 ACS on STN

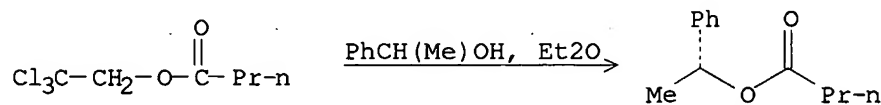
RX (15) OF 33



REF: Journal of the Chemical Society, Chemical Communications, (2);  
114-15; 1987

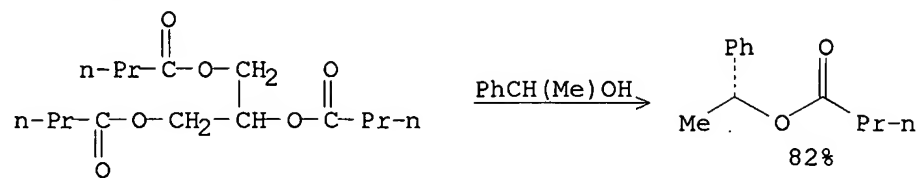
L3 ANSWER 25 OF 26 CASREACT COPYRIGHT 2007 ACS on STN.

RX (4) OF 18



REF: Journal of the American Chemical Society, 107(24), 7072-6; 1985

RX(9) OF 28



REF: Journal of the American Chemical Society, 106(9), 2687-92; 1984

KS 2/22/07

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

2.40

2.61

FILE 'CAPLUS' ENTERED AT 16:59:02 ON 22 FEB 2007

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FILE COVERS 1907 - 22 Feb 2007 VOL 146 ISS 9

FILE LAST UPDATED: 21 Feb 2007 (20070221/ED)

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=> s 11

L2 2 L1

=> d 12 1-2

L2 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1997:480441 CAPLUS

DN 127:94192

TI Manufacture of optically active  $\alpha$ -alkyl-2-halobenzyl alcohols and esters by enzymic hydrolysis and their use in manufacture of optically active 3-alkylphthalides

IN Izumi, Taeko

PA Kawaken Fine Chemicals Co., Japan

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09149791	A	19970610	JP 1995-312372	19951130
PRAI	JP 1995-312372		19951130		
OS	MARPAT 127:94192				

L2 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1996:559620 CAPLUS

DN 125:300725  
TI Chemoenzymic synthesis of optically active 3-methyl- and 3-butylphthalides  
AU Izumi, Taeko; Itou, Osamu; Kodera, Keiji  
CS Dep. of Materials Sci. and Technology, Yamagata Univ., Yonezawa, 992,  
Japan  
SO Journal of Chemical Technology & Biotechnology (1996), 67(1), 89-95  
CODEN: JCTBED; ISSN: 0268-2575  
PB Wiley  
DT Journal  
LA English

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

2.83

5.44

FILE 'REGISTRY' ENTERED AT 16:59:31 ON 22 FEB 2007  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 22 FEB 2007 HIGHEST RN 922553-43-3  
DICTIONARY FILE UPDATES: 22 FEB 2007 HIGHEST RN 922553-43-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> s 59517-15-7

L3 0 59517-15-7

=> s 59517-15-6

L4 1 59517-15-6  
(59517-15-6/RN)

=> d

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 59517-15-6 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Butanoic acid, 2-hydroxy-1,2-diphenylethyl ester, (R\*,S\*)- (9CI) (CA  
INDEX NAME)  
FS STEREOSEARCH  
MF C18 H20 O3  
LC STN Files: CA, CAPLUS

Relative stereochemistry.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 16:58:30 ON 22 FEB 2007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 16:58:39 ON 22 FEB 2007

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DICTIONARY FILE UPDATES: 22 FEB 2007 HIGHEST RN 922553-43-3

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> s 182742-53-6

L1 1 182742-53-6  
(182742-53-6/RN)

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN

RN 182742-53-6 REGISTRY

ED Entered STN: 06 Nov 1996

CN Butanoic acid, 1-(2-iodophenyl)ethyl ester, (S)- (9CI) (CA INDEX NAME)

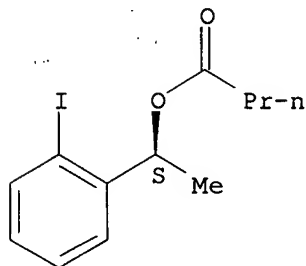
FS STEREOSEARCH

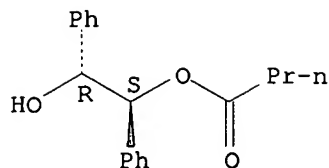
MF C12 H15 I O2

SR CA

LC STN Files: CA, CAPLUS

Absolute stereochemistry. Rotation (-).





\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

7.35

12.79

FILE 'CAPLUS' ENTERED AT 17:00:14 ON 22 FEB 2007

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FILE LAST UPDATED: 21 Feb 2007 (20070221/ED)

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=> s 14

L5 1 L4

=> d

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1976:420732 CAPLUS

DN 85:20732

TI The reaction of diols with aldehydes in the presence of iodine monochloride and t-butanol: a novel diol monoester synthesis

AU Goosen, Andre; McClelland, Cedric W.

CS Org. Res. Lab., Univ. Port Elizabeth, Port Elizabeth, S. Afr.

SO Journal of the South African Chemical Institute (1975), 28(3), 358-64  
CODEN: JSACAT; ISSN: 0038-2078

DT Journal

LA English

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 16:50:56 ON 22 FEB 2007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 16:51:07 ON 22 FEB 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

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DICTIONARY FILE UPDATES: 22 FEB 2007 HIGHEST RN 922553-43-3

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TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

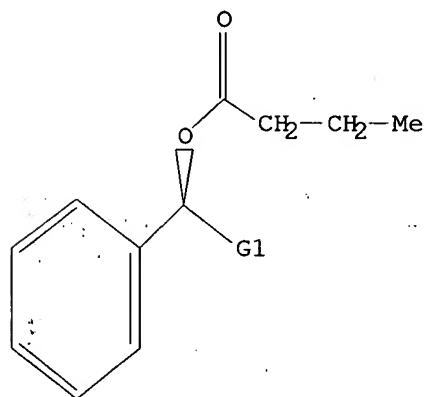
Uploading C:\Program Files\Stnexp\Queries\0565829.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



G1 Cy,Hy,Ak



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 16:51:26 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 11848 TO ITERATE

16.9% PROCESSED 2000 ITERATIONS 1 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

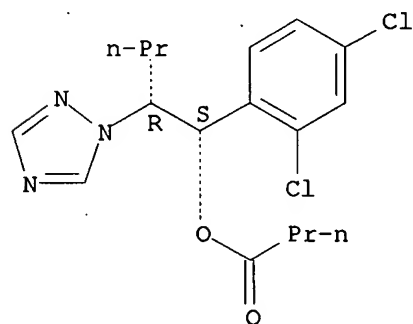
FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 230438 TO 243482  
PROJECTED ANSWERS: 1 TO 264

L2 1 SEA SSS SAM L1

=> d

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 102332-45-6 REGISTRY  
ED Entered STN: 26 May 1986  
CN Butanoic acid, 1-(2,4-dichlorophenyl)-2-(1H-1,2,4-triazol-1-yl)pentyl  
ester, (R\*,S\*)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C17 H21 Cl2 N3 O2  
SR CA  
LC STN Files: CA, CAPLUS

Relative stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s l1 ful

FULL SEARCH INITIATED 16:52:14 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 237598 TO ITERATE

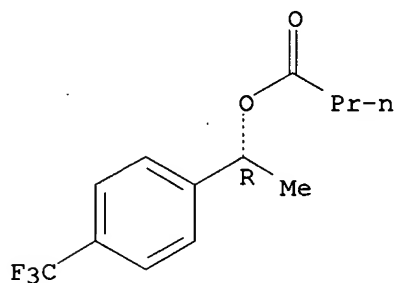
100.0% PROCESSED 237598 ITERATIONS 272 ANSWERS  
SEARCH TIME: 00.00.03

L3 272 SEA SSS FUL L1

=> d l3 1 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200  
210 220 230 240 250 260-272

L3 ANSWER 1 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 915297-77-7 REGISTRY  
ED Entered STN: 13 Dec 2006  
CN Butanoic acid, (1R)-1-[4-(trifluoromethyl)phenyl]ethyl ester (CA INDEX NAME)  
FS STEREOSEARCH  
MF C13 H15 F3 O2  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry.

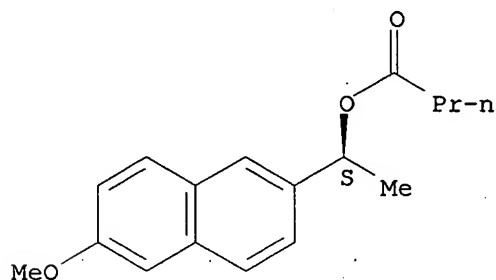


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 10 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 866365-13-1 REGISTRY  
ED Entered STN: 28 Oct 2005  
CN Butanoic acid, (1S)-1-(6-methoxy-2-naphthalenyl)ethyl ester (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C17 H20 O3  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry. Rotation (-).



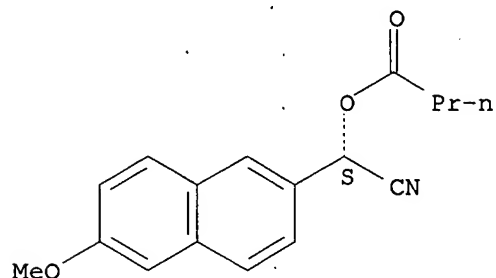
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 20 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN

RN 849341-97-5 REGISTRY  
ED Entered STN: 27 Apr 2005  
CN Butanoic acid, (S)-cyano(6-methoxy-2-naphthalenyl)methyl ester (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C17 H17 N O3  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER

Absolute stereochemistry.

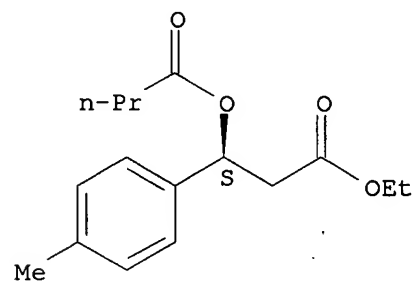


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1907 TO DATE)  
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 30 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 838841-86-4 REGISTRY  
ED Entered STN: 28 Feb 2005  
CN Benzenepropanoic acid, 4-methyl-β-(1-oxobutoxy)-, ethyl ester, (βS)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C16 H22 O4  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry. Rotation (-).



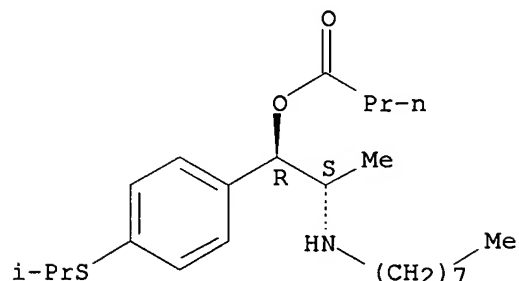
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 40 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 777005-82-0 REGISTRY  
ED Entered STN: 08 Nov 2004

CN Butanoic acid, 1-[4-[(1-methylethyl)thio]phenyl]-2-(octylamino)propyl  
 ester, (R\*,S\*)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C24 H41 N O2 S  
 CI COM  
 SR CA

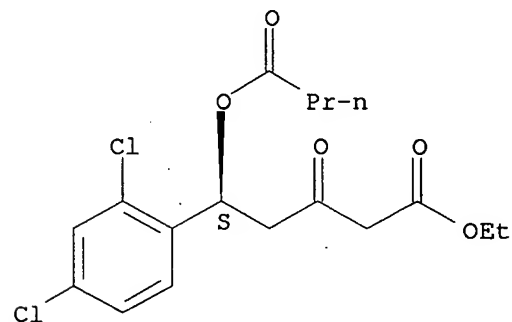
Relative stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 ANSWER 50 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
 RN 682770-98-5 REGISTRY  
 ED Entered STN: 18 May 2004  
 CN Benzenepentanoic acid, 2,4-dichloro- $\beta$ -oxo- $\delta$ -(1-oxobutoxy)-,  
 ethyl ester, (8S)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C17 H20 Cl2 O5  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry. Rotation (-).



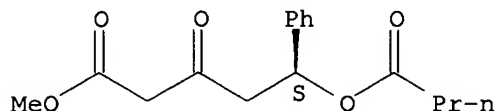
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 60 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
 RN 682770-83-8 REGISTRY  
 ED Entered STN: 18 May 2004  
 CN Benzenepentanoic acid,  $\beta$ -oxo- $\delta$ -(1-oxobutoxy)-, methyl ester,  
 (8S)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH

MF C16 H20 O5  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry. Rotation (-).

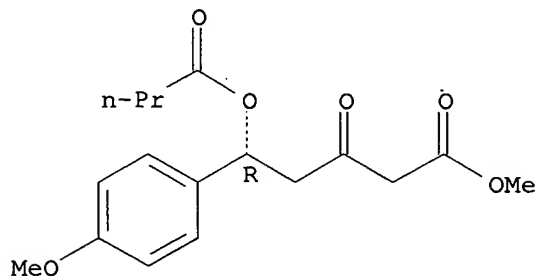


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 70 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 682770-71-4 REGISTRY  
ED Entered STN: 18 May 2004  
CN Benzenepentanoic acid, 4-methoxy- $\beta$ -oxo- $\delta$ -(1-oxobutoxy)-, methyl ester, (8R)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C17 H22 O6  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry.

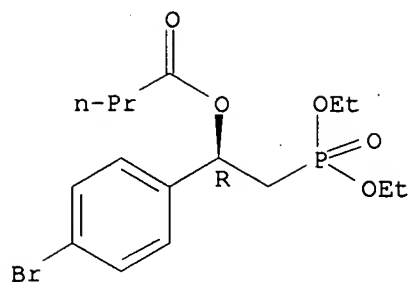


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 80 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 667915-63-1 REGISTRY  
ED Entered STN: 26 Mar 2004  
CN Butanoic acid, (1R)-1-(4-bromophenyl)-2-(diethoxyphosphinyl)ethyl ester (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C16 H24 Br O5 P  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry. Rotation (-).

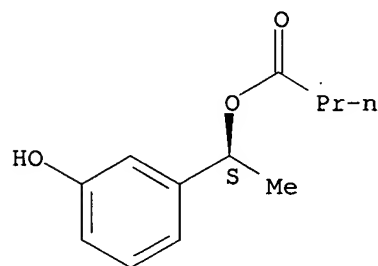


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 90 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 617713-64-1 REGISTRY  
ED Entered STN: 17 Nov 2003  
CN Butanoic acid, (1S)-1-(3-hydroxyphenyl)ethyl ester (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C12 H16 O3  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry. Rotation (-).

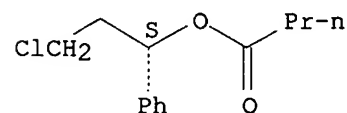


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 100 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 410093-04-8 REGISTRY  
ED Entered STN: 02 May 2002  
CN Butanoic acid, (1S)-3-chloro-1-phenylpropyl ester (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C13 H17 Cl O2  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry. Rotation (-).

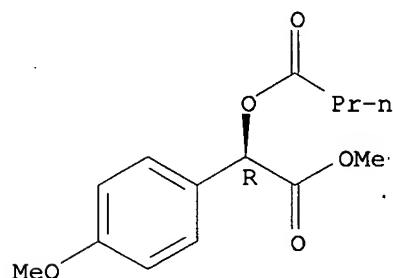


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 110 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 256498-56-3 REGISTRY  
ED Entered STN: 23 Feb 2000  
CN Benzeneacetic acid, 4-methoxy- $\alpha$ -(1-oxobutoxy)-, methyl ester,  
( $\alpha$ R)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C14 H18 O5  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.

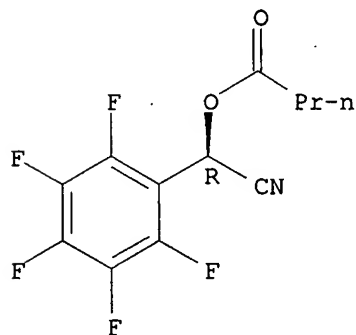


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 120 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 211229-77-5 REGISTRY  
ED Entered STN: 15 Sep 1998  
CN Butanoic acid, (R)-cyano(pentafluorophenyl)methyl ester (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C12 H8 F5 N O2  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry.

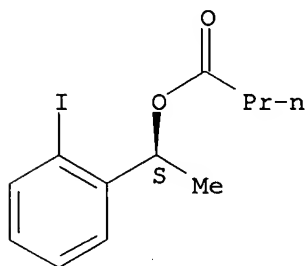


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 130 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 182742-53-6 REGISTRY  
ED Entered STN: 06 Nov 1996  
CN Butanoic acid, 1-(2-iodophenyl)ethyl ester, (S)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C12 H15 I O2  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry. Rotation (-):

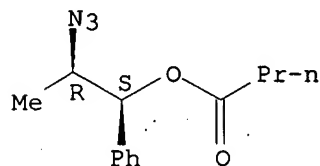


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 140 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 168465-75-6 REGISTRY  
ED Entered STN: 06 Oct 1995  
CN Butanoic acid, 2-azido-1-phenylpropyl ester, [S-(R\*,S\*)]- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C13 H17 N3 O2  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 150 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 146037-52-7 REGISTRY  
ED Entered STN: 19 Feb 1993  
CN Butanoic acid, 2-azido-1,2-diphenylethyl ester, (R\*,R\*)- (9CI) (CA INDEX NAME)

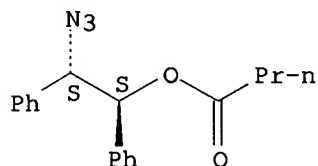


NAME)

OTHER CA INDEX NAMES:

CN Butanoic acid, 2-azido-1,2-diphenylethyl ester, (R\*,R\*)-(±)-  
FS STEREOSEARCH  
MF C18 H19 N3 O2  
SR CA  
LC STN Files: CA, CAPLUS

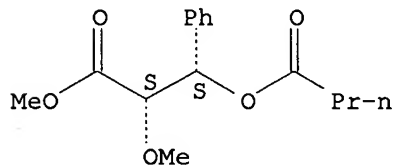
Relative stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 160 OF 272. REGISTRY COPYRIGHT 2007 ACS on STN  
RN 141927-94-8 REGISTRY  
ED Entered STN: 19 Jun 1992  
CN Benzenepropanoic acid, α-methoxy-β-(1-oxobutoxy)-, methyl  
ester, (R\*,R\*)-(-)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C15 H20 O5  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

Rotation (-). Absolute stereochemistry unknown.

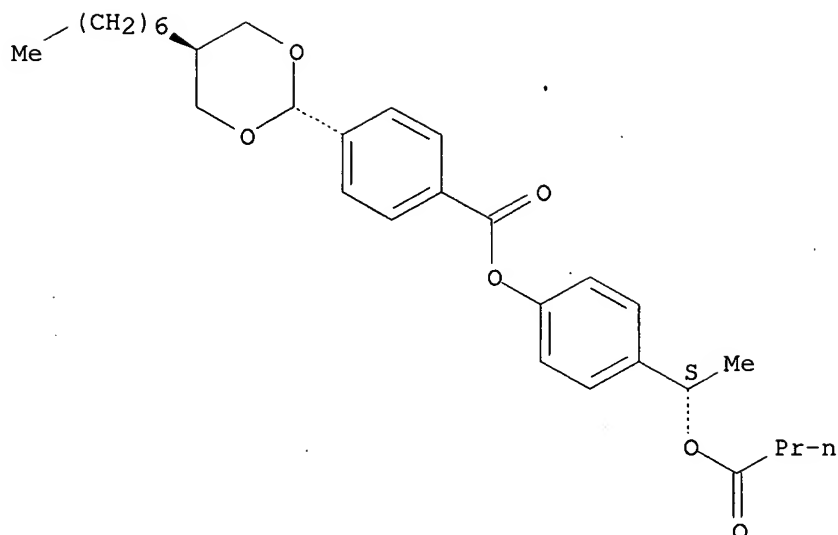


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 170 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 134696-85-8 REGISTRY  
ED Entered STN: 05 Jul 1991  
CN Benzoic acid, 4-(5-heptyl-1,3-dioxan-2-yl)-, 4-[1-(1-oxobutoxy)ethyl]phenyl ester, [2(S)-trans]- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C30 H40 O6  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

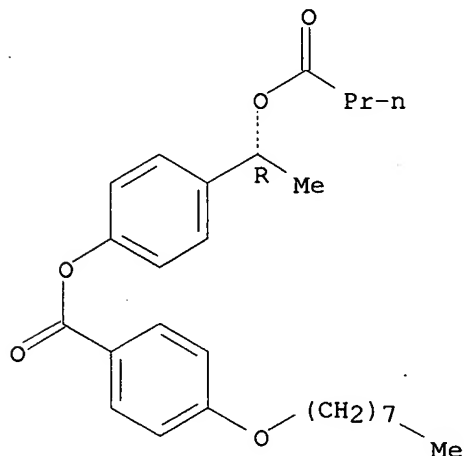


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 180 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 134604-21-0 REGISTRY  
ED Entered STN: 28 Jun 1991  
CN Benzoic acid, 4-(octyloxy)-, 4-[1-(1-oxobutoxy)ethyl]phenyl ester, (R)-  
(9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C27 H36 O5  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.

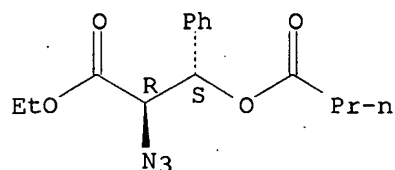


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 190 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
 RN 130517-86-1 REGISTRY  
 ED Entered STN: 16 Nov 1990  
 CN Benzenepropanoic acid,  $\alpha$ -azido- $\beta$ -(1-oxobutoxy)-, ethyl ester,  
 (R\*,S\*)- (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Benzenepropanoic acid,  $\alpha$ -azido- $\beta$ -(1-oxobutoxy)-, ethyl ester,  
 (R\*,S\*)-( $\pm$ )-  
 FS STEREOSEARCH  
 MF C15 H19 N3 O4  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT

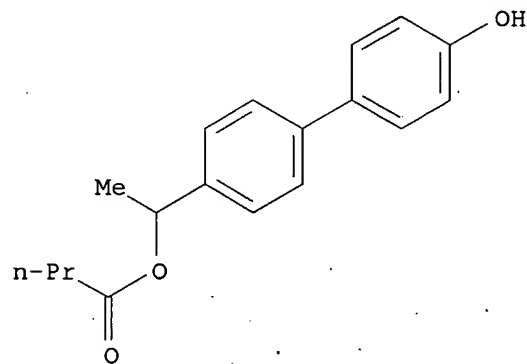
Relative stereochemistry.



2 REFERENCES IN FILE CA (1907 TO DATE)  
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 200 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
 RN 127626-09-9 REGISTRY  
 ED Entered STN: 15 Jun 1990  
 CN Butanoic acid, 1-(4'-hydroxy[1,1'-biphenyl]-4-yl)ethyl ester, (+)- (9CI)  
 (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C18 H20 O3  
 SR CA  
 LC STN Files: CA, CAPLUS

Rotation (+).



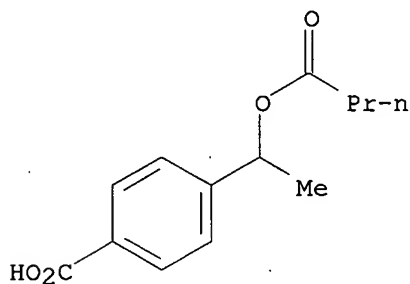
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 210 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
 RN 119838-96-9 REGISTRY

ED Entered STN: 31 Mar 1989  
 CN Benzoic acid, 4-[1-(1-oxobutoxy)ethyl]-, (+)- (9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN (+)-4-(1-Butyryloxyethyl)benzoic acid  
 FS STEREOSEARCH  
 MF C13 H16 O4  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL

Rotation (+).

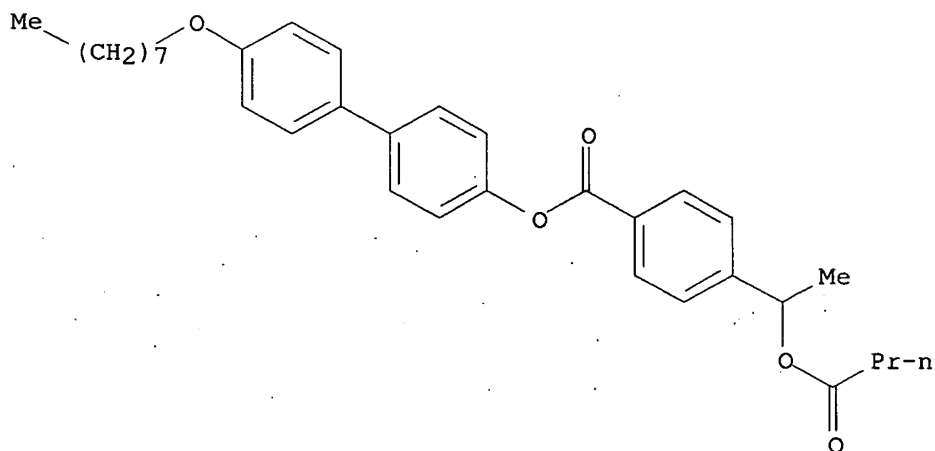


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

4 REFERENCES IN FILE CA (1907 TO DATE)  
 4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 220 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
 RN 118253-91-1 REGISTRY  
 ED Entered STN: 30 Dec 1988  
 CN Benzoic acid, 4-[1-(1-oxobutoxy)ethyl]-, 4'-(octyloxy)[1,1'-biphenyl]-4-yl ester, (+)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C33 H40 O5  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL

Rotation (+).

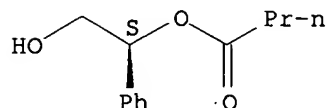


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 230 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 115482-86-5 REGISTRY  
ED Entered STN: 30 Jul 1988  
CN Butanoic acid, 2-hydroxy-1-phenylethyl ester, (S)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C12 H16 O3  
SR CA  
LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT  
(\*File contains numerically searchable property data)

Absolute stereochemistry.

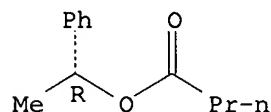


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 240 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 89378-61-0 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Butanoic acid, (1R)-1-phenylethyl ester (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Butanoic acid, 1-phenylethyl ester, (R)-  
OTHER NAMES:  
CN (R)-1-Phenethyl butanoate  
CN (R)-1-Phenylethyl butyrate  
FS STEREOSEARCH  
MF C12 H16 O2  
LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT, TOXCENTER, USPAT2,  
USPATFULL  
(\*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (+).



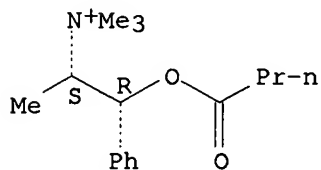
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

25 REFERENCES IN FILE CA (1907 TO DATE)  
25 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 250 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 74059-60-2 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Benzeneethanaminium, N,N,N,α-tetramethyl-β-(1-oxobutoxy)-,  
iodide, [R-(R\*,S\*)]- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH

MF C16 H26 N O2 . I  
LC STN Files: CA, CAPLUS  
CRN (82763-01-7)

Absolute stereochemistry.

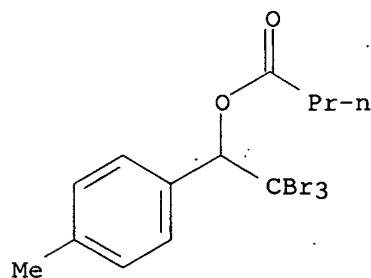


● I<sup>-</sup>

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 260 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 66681-75-2 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Butanoic acid, 2,2,2-tribromo-1-(4-methylphenyl)ethyl ester, (-)-(9CI)  
(CA INDEX NAME)  
FS STEREOSEARCH  
MF C13 H15 Br3 O2  
LC STN Files: BEILSTEIN\*, CA, CAPLUS  
(\*File contains numerically searchable property data)

Rotation (-).

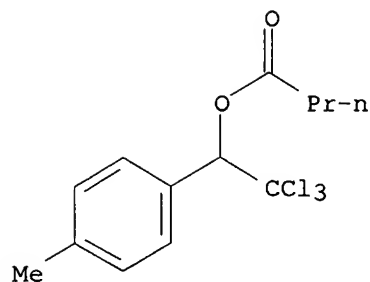


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 261 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 66681-71-8 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Butanoic acid, 2,2,2-trichloro-1-(4-methylphenyl)ethyl ester, (-)-(9CI)  
(CA INDEX NAME)  
FS STEREOSEARCH  
MF C13 H15 Cl3 O2  
LC STN Files: BEILSTEIN\*, CA, CAPLUS  
(\*File contains numerically searchable property data)

Rotation (-).

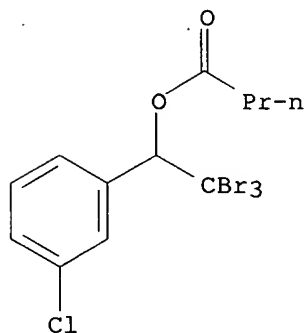


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 262 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 66681-67-2 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Butanoic acid, 2,2,2-tribromo-1-(3-chlorophenyl)ethyl ester, (-)-(9CI)  
(CA INDEX NAME)  
FS STEREOSEARCH  
MF C12 H12 Br3 Cl O2  
LC STN Files: BEILSTEIN\*, CA, CAPLUS  
(\*File contains numerically searchable property data)

Rotation (-).

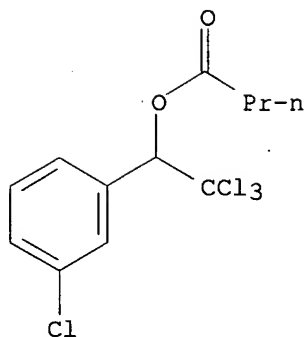


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 263 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 66681-63-8 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Butanoic acid, 2,2,2-trichloro-1-(3-chlorophenyl)ethyl ester, (-)-(9CI)  
(CA INDEX NAME)  
FS STEREOSEARCH  
MF C12 H12 Cl4 O2  
LC STN Files: BEILSTEIN\*, CA, CAPLUS  
(\*File contains numerically searchable property data)

Rotation (-).

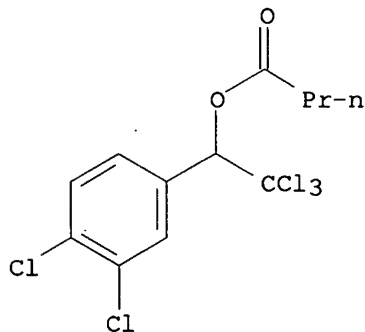


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 264 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 66681-53-6 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Butanoic acid, 2,2,2-trichloro-1-(3,4-dichlorophenyl)ethyl ester, (-)-(9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C12 H11 Cl5 O2  
LC STN Files: BEILSTEIN\*, CA, CAPLUS  
(\*File contains numerically searchable property data)

Rotation (-).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

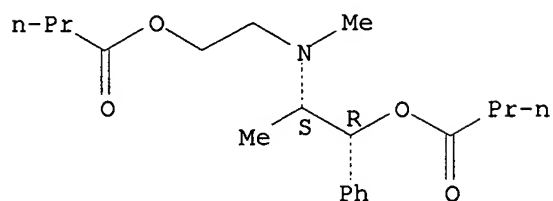
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 265 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 66574-79-6 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Butanoic acid, 2-[methyl[1-methyl-2-(1-oxobutoxy)-2-phenylethyl]amino]ethyl ester, hydrochloride, [R-(R\*,S\*)]-(9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C20 H31 N O4 . Cl H  
LC STN Files: CA, CAPLUS



CRN (66574-69-4)

Absolute stereochemistry.

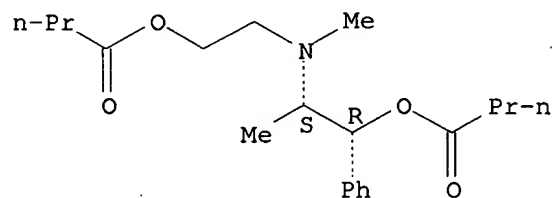


● HCl

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 266 OF 272 REGISTRY . COPYRIGHT 2007 ACS on STN  
RN 66574-69-4 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Butanoic acid, 2-[methyl[1-methyl-2-(1-oxobutoxy)-2-phenylethyl]amino]ethyl ester, [R-(R\*,S\*)]- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C20 H31 N O4  
CI COM  
LC STN Files: BEILSTEIN\*, CA, CAPLUS  
(\*File contains numerically searchable property data)

Absolute stereochemistry.

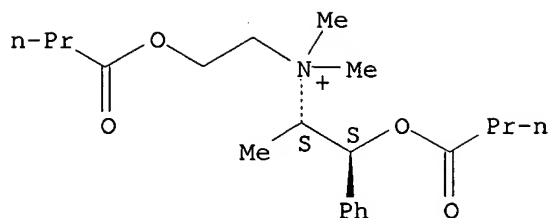


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 267 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 66274-02-0 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Benzeneethanaminium, N,N,α-trimethyl-β-(1-oxobutoxy)-N-[2-(1-oxobutoxy)ethyl]-, iodide, (R\*,R\*)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C21 H34 N O4 . I  
LC STN Files: CA, CAPLUS  
CRN (792134-37-3)

Relative stereochemistry.

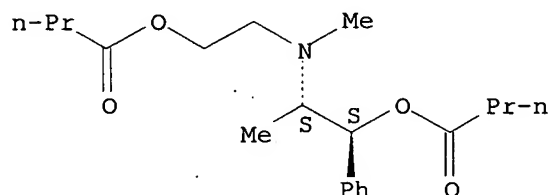


● I<sup>-</sup>

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 268 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 66273-97-0 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Butanoic acid, 2-[methyl[1-methyl-2-(1-oxobutoxy)-2-phenylethyl]amino]ethyl ester, [S-(R\*,R\*)]- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C20 H31 N O4  
LC STN Files: BEILSTEIN\*, CA, CAPLUS  
(\*File contains numerically searchable property data)

Absolute stereochemistry.

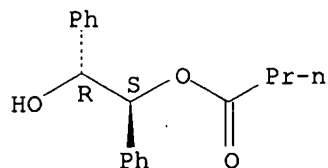


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 269 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 59517-15-6 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Butanoic acid, 2-hydroxy-1,2-diphenylethyl ester, (R\*,S\*)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C18 H20 O3  
LC STN Files: CA, CAPLUS

Relative stereochemistry.

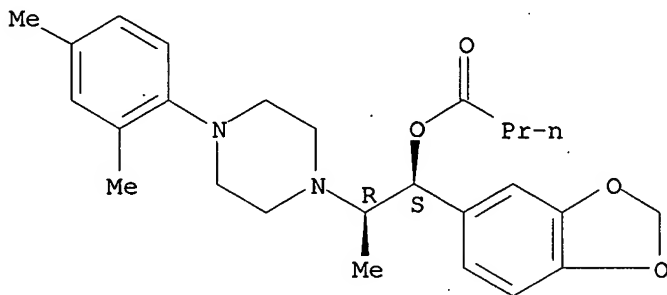


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 270 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 55574-22-6 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Butanoic acid, 1-(1,3-benzodioxol-5-yl)-2-[4-(2,4-dimethylphenyl)-1-piperazinyl]propyl ester, hydrochloride, (R\*,S\*)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C26 H34 N2 O4 . x Cl H  
CRN (740745-67-9)

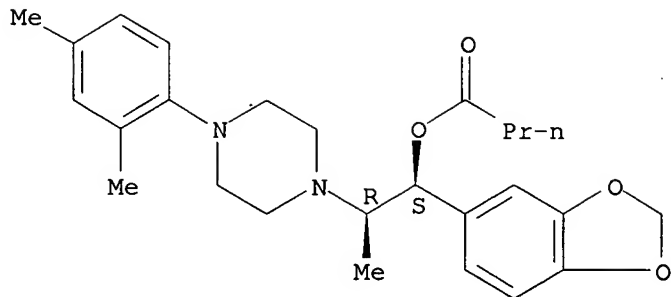
Relative stereochemistry.



● x HCl

L3 ANSWER 271 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 55545-90-9 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Butanoic acid, 1-(1,3-benzodioxol-5-yl)-2-[4-(2,4-dimethylphenyl)-1-piperazinyl]propyl ester, monohydrochloride, (R\*,S\*)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C26 H34 N2 O4 . Cl H  
LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATFULL  
CRN (740745-67-9)

Relative stereochemistry.

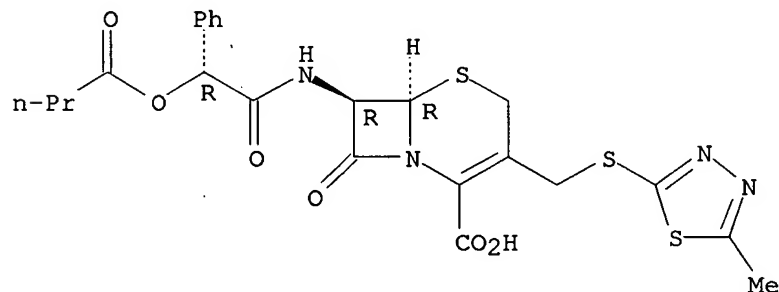


● HCl

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 272 OF 272 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 36922-22-2 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN 5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid,  
3-[[[(5-methyl-1,3,4-thiadiazol-2-yl)thio]methyl]-8-oxo-7-[[[(1-oxobutoxy)phenylacetyl]amino]-, monosodium salt, [6R-[6 $\alpha$ ,7 $\beta$ (R\*)]]- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C23 H24 N4 O6 S3 . Na  
LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, TOXCENTER  
CRN (782388-23-2)

Absolute stereochemistry.



● Na

4 REFERENCES IN FILE CA (1907 TO DATE)  
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)